U.S. Serial No. 09/784,885
Response to Office Action Dated: 05/19/2004
Family Number: P1998J135A

AMENDMENT TO THE CLAIMS

Claims 1-5 (previously cancelled)

Claim 6 (currently amended)   An unleaded gasoline pump fuel which has the following properties:

T_{10}, °F	$<= 140$
T_{50}, °F	$> 215 =< 220$
T_{90}, °F	< 330
RVP, psi	$<= 7.0$
S, ppmw	$<= 50$
Oxygen, wt%	~~1.5–2.9~~ $<= 3.5$
Aromatics, vol%	~~<=35~~ not more than 28
Olefins, vol%	$<= 10$
Benzene, vol%	$<= 1.0$
Paraffins, vol. pct.	$<= 75$
API°	$>= 59$

Claim 7 (currently amended)   The fuel according to claim 6, ~~10, 16, 17, 18 or 19~~ which has a RVP of 6.6 psi maximum.

Claim 8 (currently amended)   The fuel according to claim 6, ~~10, 16, 17, 18 or 19~~ which has a RVP of 6.6 to 6.9 psi.

Claim 9 (currently amended)   ~~The~~ An unleaded gasoline pump fuel ~~according to claim 6, 10, 16, 17, 18 or 19~~ which possesses the following ~~property~~ properties:

T_{10}, °F	$<= 140$
T_{50}, °F	$> 215 =< 220$

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T_{90}, °F	~~315 - 325~~	315 - 330
S, ppmw	$<= 35$	
Oxygen, wt%	$<= 2$	
Aromatics, vol%	not more than 28	
Olefins, vol%	$<= 10$	
Benzene, vol%	$<= 1.0$	
Paraffins, vol%	$<= 75$	
API°	$>= 59$	
RVP, psi	$<= 7.0$	

Claim 10 (cancelled)

Claim 11 (previously cancelled)

Claim 12 (currently amended)   The fuel according to claim 6, ~~10, 16, 17, 18 or 19~~ or 9 which has an octane rating of 92 to 93 (R+M)/2 and an aromatics content of 12 to 20 vol percent and a benzene content of not more than 0.80 vol%.

Claim 13 (currently amended)   The fuel according to claim 6, ~~10, 16, 17, 18 or 19~~ or 9 which has an octane rating of 87 (R+M)/2 and an aromatics content of 12 to 20 vol percent and a benzene content of not more than 0.70 vol%.

Claim 14 (currently amended)   The fuel according to claim 6, ~~10, 16, 17, 18 or 19~~ or 9 which has a sulfur content of not more than 25 ppmw.

Claim 15 (previously cancelled)

Claims 16-19 (cancelled)